



Stormwater Management Advisory Commission

Meeting Minutes

June 6, 2019

3:00 pm

Conference Room 305
Raleigh Municipal Building

Commission Members Present: Matthew Starr, David Markwood, Vicky Tappan, Jermonde Taylor, Claudia Graham, David Webb, Mark Senior and Ken Carper

Staff Members Present: Wayne Miles, Suzette Mitchell, Kelly Daniel, Scott Smith, Justin Harcum, Dale Hyatt, Kevin Boyer, Veronica Barrett, Heather Dutra, Ben Brown and Michelle Sclafani

Commission Members Absent: Evan Kane and Jonathan Page

Guests: Amit Sacchan, M. Presnell-Jeanette, Peter Kane, and Carius Alvarez

Meeting called to order: 3:00 pm by Matthew Starr (*chair*)

1. **Welcome, Introductions, Excused and Unexcused Absence**

- **Ms. Vickery** made a motion to excuse Evan Kane from today's meeting, and **Mr. Webb** seconded. The motion was passed unanimously.
- **Mr. Starr** presented **Mr. Webb** with an appreciation plaque for his six years of volunteered service to the Commission. **Mr. Webb** stated he will continue to serve on the Commission until a new member is appointed.

2. **May 2, 2019 Minutes for Approval**

- **Mr. Webb** made a motion to approve and **Mr. Markwood** seconded. The motion was approved unanimously.

3. **Stormwater Staff Report**

- **New Hire -**
 - Drainage Assistance – Michelle Sclafani, *Engineering Support Specialist*
- **Hot Topics**

Flood Prone Area Stakeholder's Group Update – *The next meeting will be held on Thursday, June 13th (3-5pm) at the Thomas Crowder Woodland Center. Dr. Barbara Doll will be presenting on floodplain benefits and staff will present an evaluation of properties in the floodplain. Mr. Starr stressed the importance of attendance. He wanted those involved to hear what the Commission was thinking when they went through the process and the recommendations that came from it. He said there's a lot of antidotal property to property*



conversation which takes a lot of time, so the more we can focus on this being a city-wide policy and having SMAC there to help emphasize that, would be appreciated.

SMAC Diversity Recommendation Update – Wayne Miles noted the City Attorney’s office said the recommendation needs to be an ordinance change rather than a memo. He’s working with them on the language and staff anticipates bringing back the proposed ordinance revisions to SMAC in July.

Lake Management Evaluation Program Update – The item was brought to City Council and the program has been referred to Growth and Natural Resources Committee for further evaluation.

Pigeon House Bridge Update – Staff followed up with Public Nuisance section and it’s been reported the bridge was removed.

SMAC July Meeting Rescheduling – The Commission will need to discuss a new date/time for the July meeting due to the regular schedule falling on the July 4th holiday.

Motion -

Mr. Starr made a motion to reschedule the July meeting to July 10th at 3:00 pm, pending a location and **Ms. Vickery** seconded. The motion passed unanimously.

4. Illicit Discharge Detection and Elimination (IDDE) Program Overview

Pete Duffy (*Illicit Discharge Detection Coordinator*) spoke on the following topics in the presentation: Raleigh’s IDDE authorities and staff, treated and untreated water systems, illegal connection and illicit discharge definition, illegal discharge, slide examples, ordinance exemptions, handling illicit discharges, staff initiatives, things to look for, and reporting illicit discharges.

Mr. Taylor wanted to know where violation payments/funding goes and the definition of an outfall. Pete Duffy said the civil penalties go to the Wake County Public School System, and an outfall is where the Stormwater system ends and daylight into a creek.

Ms. Graham asked how they are prioritized for inspection. **Justin Harcum** mentioned the stormwater mapping crew was able to prioritize the outfalls based on the watersheds they are in, the proximity to sanitary sewer lines, the size of the pipe, and the land use. He noted that staff has come up with a list of 200 prioritized outfalls where illicit discharges are most likely to occur. He added this is the first year the program is been implemented and the plan is to visit the sites annually.

Ms. Vickery asked is there any support or grant money for residential low-income people that have issues with clean-up needed on their property but can’t afford to do. **Pete Duffy** answered there’s several funding sources that could be tapped into, but we try not to get involved because we don’t want to take on the responsibility of cleaning spills. He stated the Division makes sure it’s mediated and documented, and staff tries to make sure the responsible party/private property owner is steered toward a mediation company that can help them.

Mr. Starr commended the Illicit Discharge Group’s quick response on illicit discharges issues.



Mr. Senior stated that other cities are focusing on using salt water pools and he wanted to know if Raleigh has come up against that. **Pete Duffy** replied not yet. **Mr. Starr** added there was one in Johnston County and they had it changed back to a traditional pool.

Mr. Webb asked what jurisdiction would staff have on a large complex either industrial or mixed used development that has dumpster gravy going to the system and it's all on private property. **Pete Duffy** said if it's private property it's not ours, but we will inform the property owner and stay there until someone arrives. **Wayne Miles** asked in terms of our regulatory enforcement authority for NPDES permit, does it still have to reach waters of the state. **Pete Duffy** say yes, if it threatens a catch basin or if it's 25 feet off a curb and chances of the next rain pushing it in then we have authority to enforce. **Justin Harcum** said the ordinance states that anything other than stormwater that reaches a conveyance or likely to reach a stormwater conveyance to the water of the state.

5. City Council Resolution for Mandatory Use of GSI on Development Projects

Kevin Boyer (*Water Quality Supervisor*) reported that City Council directed the Commission, staff and stakeholders to work together to come up with a plan requiring mandatory use of Green Stormwater Infrastructure (GSI). He gave a presentation consisting of laying out the groundwork on how to respond to Council on that assignment and focused on: City Council resolution, GSI Review, GSI in Raleigh's UDO, current GSI initiatives, and Response to City Council.

Mandatory GSI comments

(1) SMAC ad hoc committee:

- *Committee members – David Markwood, Jemonde Taylor, Claudia Graham, Mark Senior, and Ken Carper*
- *Committee meeting dates/times – to be determined via poll*

(2) Technical framework for mandatory GSI:

- *A performance standard based on runoff-volume matching*
- *Thresholds, triggers:*
 - o *Storm event – 90th percentile (~1.4 inches in Raleigh)*
 - o *Apply to existing development/impervious area vs. only to new impervious area?*
 - o *Research Huntersville, NC's LID ordinance and learn from their experience*

(3) Consider addressing in the Plan:

- *COR's cost of regulating/inspecting GSI SCMs (larger numbers of small, dispersed SCMs)*
- *Property owner's cost of maintaining GSI SCMs*
- *State of NC statutory requirements and limitations*

(4) Other potential alternatives/supplements to mandatory GSI:

- *Incentives for using GSI*
- *Stormwater fee credits for using GSI*
- *Stream/wetlands mitigation credits for using GSI*
- *Fee-in-lieu approaches to encouraging use of GSI*



Wayne Miles mentioned there was another motion that was related to GIS by Councilor Stephenson. The discussion was occurring in the Housing and Neighborhood Committee relating to parking incentives. Currently there's an ability to put in additional parking above and beyond the requirements. If they go up to 150 percent of the amount of parking, they must put in a certain amount of tree coverage or other green items (*i.e. solar panels*). The motion requests SMAC to look at ways to reduce that threshold from 150 percent back down to a lower number that would trigger these required controls and see if GSI can become a part of that along with additional tree coverage requirements.

6. Public Comment

No public comment

7. Other Business

Staff is checking on a location off-site for July 10th SMAC meeting.

Adjournment:

Mr. Carper made a motion to adjourn and **Ms. Graham** seconded. The motion was passed unanimously, and the meeting adjourned at 5:00 pm.

Suzette Mitchell